

## Exhibit 300: Capital Asset Summary

### Part I: Summary Information And Justification (All Capital Assets)

#### Section A: Overview & Summary Information

**Date Investment First Submitted:** 2009-06-30  
**Date of Last Change to Activities:** 2012-07-20  
**Investment Auto Submission Date:** 2012-02-28  
**Date of Last Investment Detail Update:** 2012-02-22  
**Date of Last Exhibit 300A Update:** 2012-02-28  
**Date of Last Revision:** 2012-07-20

**Agency:** 011 - Department of Justice      **Bureau:** 10 - Federal Bureau of Investigation

**Investment Part Code:** 01

**Investment Category:** 00 - Agency Investments

**1. Name of this Investment:** FBI Data Integration and Visualization System (DIVS)

**2. Unique Investment Identifier (UII):** 011-000003372

#### Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

The FBI Data Integration and Visualization System (DIVS) program includes multiple, special purpose systems and services to introduce and maintain advanced technology capabilities that store and present for analysis electronic data collected by or provided to the FBI. The DIVS "Initiative" is creating the FBI's Information Sharing Environment (ISE) for intelligence and investigations. The DIVS ISE project will make all FBI intelligence and investigative data available and searchable for its agents and analysts through a single, secure, web-based search and analysis capability. DIVS contains replications and extractions of information from multiple systems maintained by the FBI. The information is replicated or extracted into DIVS to provide an enhanced and integrated view of that information. DIVS benefits FBI agents and intelligence analysts by making them more efficient and effective while "connecting the dots" to determine the identities and intentions of terrorists and other threats to the nation. The primary benefits of DIVS are the nation's security and the protection of its citizens. While the DIVS initiative development is not dependent on other investments or systems, except to acquire access to their data, the end result of DIVS should enable the retirement of some legacy data systems and make the Bureau's overall IT effort more efficient. DIVS will become the FBI data corporate search capability, accessible through and to multiple FBI mission-based process flow and knowledge management capabilities. The DIVS program also supports the operations and maintenance and continued development of the Data

Loading and Analysis System (DaLAS) that stores and presents data from captured or seized media, the Data Warehouse System (DWS) that stores and presents electronic surveillance data, Advanced Visualization (AV) to show large amounts of related data in graphical representations, human language translation technologies to electronically convert multiple languages to English or English into multiple languages, geo-spatial technologies to present data on maps, and case or capabilities efforts requiring specialized technical assistance. These tools and data stores are accessible through the DIVS application and direct access on the FBI Intranet. Combined, these technologies assist the FBI with rapidly exploiting various types and formats of electronic data to execute its counterterrorism and intelligence missions.

**2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.**

DIVS will close the performance gap noted in the analysis of terrorist events that occurred during the latter part of 2009, related to the excessive time then required to search and exploit available data. The study concluded that all the data was available to identify the suspects, but that data was fragmented across too many unconnected systems, which prevented a timely identification of the threat. While the time to analyze search results is greatly reduced by using the current DIVS application, much more effort is needed to gain access to all data, regardless of security level, and the ability to rapidly turn that data into useful knowledge. Full funding of DIVS is essential for improving the protection of the nation and its citizens. In addition, the DIVS investment is needed to achieve efficiencies gained by retiring older systems and consolidating FBI operational electronic data storage facilities. If funding is reduced, the capacity to add more data sets will be delayed, response times will slow since more data continues to come in, the ability to keep DIVS capabilities abreast of new commercially available technologies will be impacted, essential system reliability, security, and integrity enhancements could crowd out efforts to improve operational features, the cross-security domain effort will be delayed, and user training and proficiency evaluation efforts will be curtailed. Similar challenges and associated impacts would also be presented to other DIVS systems, tools, and capabilities if funding is reduced. The aggregation of data to-date and the new capabilities now available to users have already demonstrated significant value. Agents and analysts now spend considerable less time searching for data, leaving more time to analyze it and find relationships and other information essential for effective counterterrorism and counter-intelligence operations. The time needed to search high priority FBI Secret-level intelligence and investigative data has been reduced from days to seconds. More improvements and growth are needed to aggregate all available data for search, analysis, and subsequent investigative actions.

**3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.**

DIVS version 1.0 (v1.0) was released with 24 data sets on October 4, 2010. Over the year, 6 more versions were released (v2.3 is now active). Each release improved search features and functions. 27 more data sets were added. More data and features are being added on a regular basis. Training and usage increased throughout the year--all 56 FBI field offices and over 4,200 users were trained on-site. Useful components added over the year include access to geo-spatial and human machine language translation tools developed by the DIVS

program. Improved functionality addressed improved techniques for establishing, saving, and manipulating search queries, and thus give users more flexibility to focus their time on records of interest. The program also grew storage capacity with improved system performance (time to respond to a query) from an initial limit of 800 million records to the potential for over 3 billion records when purchased equipment arrives early next year.

**4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).**

CY objectives include: ingest remaining Investigative Data Warehouse (IDW) data sets and replicate all enduring IDW functionality to permit retirement of the IDW front end; re-host and plan a technology refresh on IDW back-end and consolidate in the DIVS data center during the PY; reset DIVS metrics and targets based on first year results; move data storage back-up systems to central FBI data center; continue to enhance DIVS functionality based on user defined needs; and install and maintain the DIVS disaster recovery capability. CY enhancements are under review for prioritization and allocation to specific quarterly segments and seven scheduled deliveries. BY objectives have not been established pending estimates and actual progress during the CY. FY 2013 is expected to feature the start-up, design, and resource planning for the DIVS Top Secret version (DIVS-TS) and cross-domain solution; continued efforts to permit the retirement of other FBI legacy systems, the completion of gaining access to all FBI Secret-level data, consolidation of additional data storage capabilities in the DIVS data center with a corresponding growth in storage and processing capacity, and analytical software improvements. CY and BY efforts will also include the integration of off-the-shelf analytic software applications with DIVS data capabilities. BY efforts are also expected to address making DIVS the search component of various analytic tools and FBI Systems of Record and to link their products into the DIVS search access environment.

**5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2011-02-11

## Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$0.2	\$0.7	\$0.4	\$0.4
DME (Excluding Planning) Costs:	\$54.1	\$49.2	\$15.2	\$15.2
DME (Including Planning) Govt. FTEs:	\$1.8	\$4.6	\$1.3	\$1.5
Sub-Total DME (Including Govt. FTE):	\$56.1	\$54.5	\$16.9	\$17.1
O & M Costs:	\$94.7	\$14.4	\$37.8	\$37.8
O & M Govt. FTEs:	\$7.6	\$0.9	\$4.4	\$5.1
Sub-Total O & M Costs (Including Govt. FTE):	\$102.3	\$15.3	\$42.2	\$42.9
Total Cost (Including Govt. FTE):	\$158.4	\$69.8	\$59.1	\$60.0
Total Govt. FTE costs:	\$9.4	\$5.5	\$5.7	\$6.6
# of FTE rep by costs:	59	31	34	39
Total change from prior year final President's Budget (\$)		\$16.6	\$-1.3	
Total change from prior year final President's Budget (%)		31.30%	-2.10%	

**2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:**

PY increases resulted from internal FBI reallocations to DIVS to accelerate development and add as many data sets as possible. Scope increases occurred after PY budget was submitted.

## Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded		Classified									
Awarded		Classified									
Awarded		Classified									
Awarded		Classified									
Awarded		Classified									
Awarded		Classified									
Awarded		Classified									

**2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:**

The Government is responsible for determining, prioritizing, directing, planning, developing, testing, fielding, and supporting all DIVS work products. The contractors provide highly skilled technical personnel to implement Government direction and complete all work products. The selection of work products can be modulated and redirected due to changing operational needs associated with emerging threats, new cases, new laws or policies, and new or emerging technology challenges. The Government requires maximum flexibility to redirect technical assets to the most urgent or highest priority needs. Because of these factors, no FBI contract supporting these level-of-effort activities has an EVM reporting requirement. This arrangement affords the Government the most flexibility while controlling costs when addressing real world conditions and evolving investigative and intelligence requirements. The DOJ Office of the CIO has granted the DIVS program a waiver to the DOJ EVM reporting policy.

## Exhibit 300B: Performance Measurement Report

### Section A: General Information

**Date of Last Change to Activities:** 2012-07-20

### Section B: Project Execution Data

**Table II.B.1 Projects**

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
B	DIVS Increment 2	Enhance the DIVS data aggregation and analysis capability by growing the data holdings to 50 or more data sets and adding advanced functionality to include improved search capabilities, language translations, geo-spatial analysis, and visualization.			
C	DIVS Increment 3	Add 25 or more new data sets, continue functionality enhancements, migrate data center, and plan Increment 4 and DIVS-TS.			

### Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M )	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
B	DIVS Increment 2							
C	DIVS Increment 3							

## Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days )	Schedule Variance (%)
B	Increment 3 Planning	Determine prioritization and phasing of DIVS functionality and data set requirements not met during FY 2011 for FY 2012 execution. Develop project plan for FY 2012.	2011-09-30	2011-09-30	2011-09-30	77	0	0.00%
C	Hardware Installation	Receive, inventory, install, and test new hardware in consolidated locations. Begin transfer of non-critical operations.	2011-11-04	2012-02-29	2012-02-10	32	-98	-306.25%
C	Testing and Decommission	Complete transfer of all software and data to new locations and test for continuity and performance. Remove remaining hardware items from the leased facility.	2012-02-29	2012-05-31	2012-05-09	57	-70	-122.81%



## Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Track progress of FBI data aggregation into DIVS; the target is a total number of data sets in DIVS with an increase of 5 per quarter.	Total number of data sets aggregated in DIVS	Mission and Business Results - Services for Citizens	Over target	0.000000	50.000000	51.000000	70.000000	Quarterly
Since a primary purpose of DIVS is to reduce the time to view all FBI data, track the time the server farm takes to complete a user query against the data, even as the number of records grows, and load the response page(s) to the user to indicate system timeliness and responsiveness	Seconds to search data and load response page	Process and Activities - Cycle Time and Timeliness	Under target	5.000000	5.000000	3.500000	4.000000	Monthly
Increase system storage capacity to handle more searchable records (in billions) of FBI investigative and intelligence data to improve user efficiency when searching FBI holdings	Number of records (in billions)	Technology - Information and Data	Over target	0.000000	1.000000	1.700000	3.000000	Semi-Annual
Increase the average number of daily unique users per normal business day to demonstrate	Average number of users per standard business day	Customer Results - Service Coverage	Over target	0.000000	500.000000	577.000000	600.000000	Monthly

Table II.C.1 Performance Metrics								
Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
system utility to agents and analysts								
Number of FBI legacy data storage and search systems replaced by DIVS and decommissioned.	Number of Systems Decommissioned	Technology - Effectiveness	Over target	0.000000	0.000000	0.000000	1.000000	Semi-Annual